

Solis BioDyne

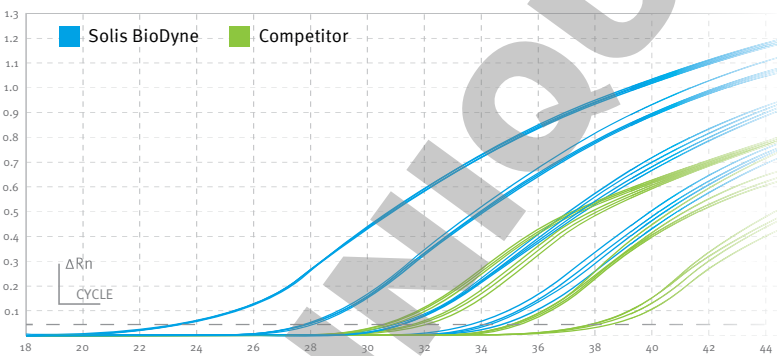
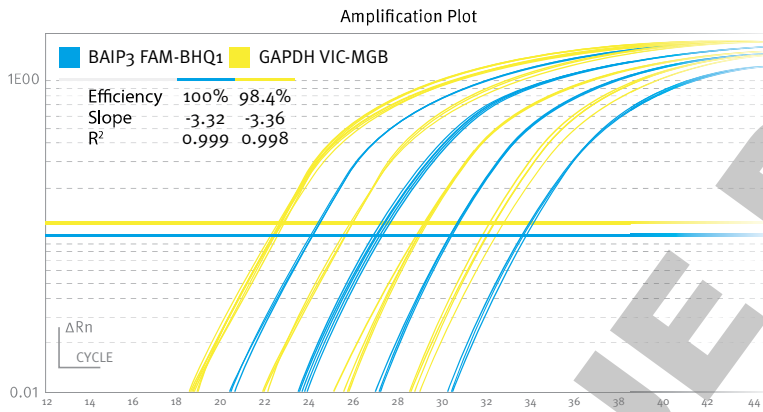
5x HOT FIREPol® Probe GC qPCR Mix

Benefits:

- ✓ Optimal quantitative data from GC-rich samples (GC content up to 75%)
- ✓ Suitable for singleplex and duplex assays
- ✓ Reaction set-up at room temperature
- ✓ Compatible with most qPCR cyclers

Applications:

- ✓ DNA/LNA hydrolysis probe based assays
- ✓ Detection and quantification of DNA and cDNA targets
- ✓ Profiling gene expression
- ✓ Microbial detection



qPCR performance in a duplex reaction:

Two genes from human gDNA were amplified in duplex reaction using HOT FIREPol Probe® GC qPCR Mix. Excellent results were obtained from four 10x dilutions (starting from 10 ng/μl) from both gene. BAIP₃ (blue) with GC-content 70,3% and efficiency 100% and GAPDH (yellow) with GC-content 56,1% and efficiency 98,4%. Reactions were performed on Applied Biosystems ViiA™ 7 Real-Time PCR System.

Highly competitive qPCR mix:

Four 10x dilutions of 197 bp long fragment of B₄G₄ gene with GC-content 75,6% were amplified from human gDNA using 5x HOT FIREPol® Probe GC qPCR Mix (blue) and qPCR Mix from another vendor (green). Reactions were performed on Applied Biosystems ViiA™ 7 Real-Time PCR System following cycling protocol recommended by each supplier.

Order Information

PRODUCT	CAT. NO.	SIZE/ml	RXN/20μl	PRICE
5x HOT FIREPol® Probe GC qPCR Mix	08-17-0000S	0.2	50	
	08-17-00001	1	250	Please enquire!
	08-17-00008	8	2000	Please enquire!
	08-17-00020	20	5000	Please enquire!